

# CORRECTED COPY

OFFICE OF THE ADJUTANT GENERAL  
MARYLAND NATIONAL GUARD  
29TH DIVISION STREET  
BALTIMORE, MARYLAND 21201-2288  
TELEPHONE: (410) 576-6111 OR DSN: 496-6111

POSITION VACANCY ANNOUNCEMENT 06-005a OPEN DATE: 13 October 2005 CLOSE DATE: 15 November 2005

## FULL TIME MILITARY / ACTIVE GUARD RESERVE (AGR) POSITION VACANCY

BRANCH OF SERVICE: AIR NATIONAL GUARD (ANG)

POSITION TITLE: ELECTRONICS INTEGRATED SYSTEMS MECHANIC (A-10)

HIGHEST GRADE AUTH: MSgt / E7 HIGHEST UMD GRADE

ORGANIZATION/LOCATION: 175<sup>th</sup> WING, MDANG, Warfield ANGB, Middle River, Maryland 21220

SEQUENCE: #11919 FL8R 23E100

SALARY: Full Military Pay and Allowances, depending on rank and longevity of selectee.

WHO MAY APPLY: OPEN TO ALL MEMBERS OF THE MARYLAND AIR NATIONAL GUARD AND THOSE ELIGIBLE FOR MEMBERSHIP

## QUALIFICATION/ELIGIBILITY REQUIREMENTS

1. Refer to ANGI 36-101, The Active Guard/Reserve Program, for general eligibility requirements for initial entry into the AGR
2. Program and specific guidelines for utilization, and assignment of currently on-board AGR members.
3. Applicants must meet the physical qualifications outlined in AFI 48-123, Medical Examination and Standards.
4. Applicant must meet weight requirements at the time of entry into the AGR Program. Any member on the ANG Weight Management Program is ineligible for entry into AGR status.
5. Applicant should be able to complete 20 years of active duty service prior to mandatory separation.
6. Category I AGR resources (recruiters, security forces, range, air defense, civil support) are fenced and may not be locally realigned.

## BRIEF OF DUTIES AND RESPONSIBILITIES

Tests, troubleshoots, aligns and repairs a complete, software controlled automatic test station (ATS). The ATS consists of numerous computer controlled systems such as stimulus, measurement, switching, pressure and mechanical. The system contains a variety of subsystems or components including power supplies, controls, monitors, disk drive, video display generators, digital word generators, multiplex bus, pressure generator and digital voltmeter. This maintenance is done using a variety of general and special purpose test equipment, self-test and calibration programs and/or technical data flow diagrams, test procedures, program information and mathematical formulas. Identifies specific defective ATS or UUT piece/parts(s) and reliability, identifies specific defective program loop, makes recommendations on actions required to correct deficiency, and informs the responsible AFLC agency in accordance with TO 00-35D-54; also ensures the compatibility of the Interface Test Adapter(s) (ITA). Troubleshoots, inspects, installs, maintains, overhauls, repairs and modifies integrated avionics systems to include among others central computer complex, indicator control groups, bomb and missile control systems, automatic flight control, voice warning, air data computers, ground collision avoidance system, weapon control systems consisting of the Inertial Navigation System (INS), Head-Up Display (HUD) system, multiplex bus, electro/optical and infrared sighting and sensor systems, analog and digital computer systems, very high frequency (VHF)/"Have Quick", Identification Friend or Foe (IFF) transponders, encoders, Emergency Locator Transmitters (ELT), TACAN, Instrument Landing System (ILS) and related devices using established techniques for alignment and calibration. Analyzes performance and isolates malfunction by tracing schematic, logic, and wiring diagrams, and using appropriate built-in tests and applicable electronic measuring equipment such as oscilloscopes, digital voltmeters, signal generators, power meters, spectrum analyzers, distortion analyzers, electronic counters, differential voltmeters, wave meters, VSWR meters, recording and reproducing equipment, applicable support equipment including automated programmed/manual testers, and general purpose and special hand tools. Determines scope of repair or adjustment required to correct faulty operation. Monitors equipment performance to detect recurring malfunctions. Removes, repairs, overhauls, installs, aligns, harmonizes, boresights, modifies and conducts functional check of weapon control

systems. Receives/removes faulty components, performs bench check, and determines scope of repair required. Disassembles unserviceable units down to the smallest bit, piece or module, using special purpose tools, gauges and instruments. Repairs oscillators, amplifiers, waveshaping devices, vacuum tubes, microminiaturized modules, gyros, motors, tachometers, infrared sensing devices and similar components. Reassembles unit after repair, performs alignment and makes shop check. Reinstalls serviceable components into aircraft and performs system alignments and harmonization in accordance with existing technical orders and directives. Boresights weapon control systems as required. Accomplishes technical order compliances and modification of components and systems. Completes system checkout for proper operation. Provides hands-on training to lower grade personnel concerned with repair of avionics systems. Also provides on-the-job instruction to newly assigned personnel regardless of grade level. Requisitions, processes and accounts for supply assets as required within the repairable process system. Documents maintenance actions and man-hour expenditures on maintenance forms and computer systems such as CAMS. Maintains historical data on avionics systems. Prepares for and participates in various types of readiness evaluations such as Operational Readiness (ORI), Inspector General (IG), and QAFA Inspections and mobility and command support exercises. May be required to perform such additional duties as structural fire fighting, aircraft fire/crash/rescue duty, equipment operation, maintenance of facilities and equipment, or to service as a team member on boards to cope with natural disasters or civil emergencies. Complies with safety, fire, security and housekeeping regulations. Ensures that material and equipment are properly stored, protected and maintained. May be required to perform additional duties such as fire fighting; crash rescue duty; to serve as a member of a team to cope with natural disasters; or perform duties in the Aircraft Generation Unit. Performs other duties as assigned.

#### AFSC

**AFSC: 2AOXX, 2A1XX, 2A3XX, 2A5XX.** Applicants must meet the basic eligibility requirements specified in ANGI 36-101, The Active Guard/Reserve Program, and the AFSC Specialty Qualifications defined in AFMAN 36-2108, Enlisted Classification. Enlisted members may be selected without an awarded 3-level in a compatible duty AFSC but **must agree in writing to attend the first available 3-level formal technical training course and continue to make satisfactory progress in retraining.** Refer to ANGI 36-101, Chapter 3, Para 3.7. for more specific information regarding this requirement. Applicants must possess qualifying ASVAB/AFQT scores for the AFSC as specified in AFMAN 36-2108, Attachment 39.

#### SPECIAL INFORMATION

1. Appropriate military uniform will be worn during duty hours.
2. Existing MDANG promotion policies apply.
3. Initial tours may not exceed 6 years. Follow-on tour lengths may be from 1 to 6 years.
4. Official notification to applicants of selection or non-selection is by letter from the Human Resources Office (HRO).

#### APPLICATION PROCEDURES / REQUIRED DOCUMENTS

1. NGB Form 34-1, Signed, dated and annotated with Vacancy Announcement Number
2. Military Personnel Records Review RIP Attached, Virtual MPF Inquiry Will Suffice
3. Copies of DD214's for all previous periods of AD
4. Completed Profile Verification Statement, see below
5. Letter of Application, Letters of Recommendation and other attachments are permitted but are not mandatory

Forward application and attachments to: Office of The Adjutant General  
**ATTN: MDNG-HRO-AGR**  
**AGR BRANCH**  
**Fifth Regiment Armory**  
**Baltimore, MD 21201-2288**

**AGR VACANCY APPLICATION  
PROFILE VERIFICATION STATEMENT**

NAME \_\_\_\_\_ ANNOUNCEMENT # \_\_\_\_\_

**A. WEIGHT/BODY FAT VERIFICATION**

MEMBER MEETS STANDARDS IN ACCORDANCE WITH ANGI 10-248

YES NO

\_\_\_\_\_  
\*Signature/Rank/Title Verifying Official

\*Current supervisor, commander, or designated WMP Monitor

**B. APTITUDE SCORES**

Mech: \_\_\_\_\_ Admin: \_\_\_\_\_ Gen: \_\_\_\_\_ Elect: \_\_\_\_\_

\_\_\_\_\_  
\*\*Signature/Rank/Title Verifying Official

\*\*Current supervisor, commander, or Customer Service Representative

**C. CURRENT AF Form 422, PHYSICAL PROFILE SERIAL REPORT**

P:\_\_\_\_ U:\_\_\_\_ L:\_\_\_\_ H:\_\_\_\_ E:\_\_\_\_ S:\_\_\_\_ X Factor \_\_\_\_ Dated \_\_\_\_\_

MEMBER IS IS NOT QUALIFIED FOR WORLD WIDE SERVICE

\_\_\_\_\_  
\*\*Signature/Rank/Title Medical Certifier

**ATTACH TO NGB FORM 34-1  
APPLICATION FOR ACTIVE GUARD/RESERVE (AGR) POSITION**